

Converting Colors

CIELCh(47, 38.884, 322.380)

Have a look what the booklet for
CIELCh(47, 38.884, 322.380)
contains.

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Color

CIELCh(47, 39.216, 322.442)

Conversions

Conversions Part 1

Format	Color
Hex	905D98
RGB	144, 93, 152
RGB Percent	56%, 36%, 60%
CMY	0.4354, 0.6354, 0.4040
CMYK	0.05, 0.39, 0.00, 0.40
HSL	292°, 24%, 48%
HSV	292°, 39%, 60%
XYZ	21.0769, 16.0195, 31.6787
YIQ	114.9750, 11.4570, 29.1610

Conversions

Conversions Part 2

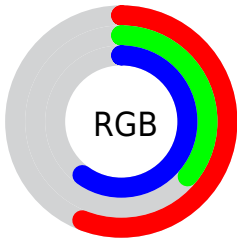
Format	Color
RYB	144, 93, 152
Decimal	9461144
CIELab	47.00, 31.09, -23.90
CIELCh	47, 39.216, 322.442
Yxy	16.0195, 0.3065, 0.2329
Android (android.graphics.Color)	4287651224 (0xFF905D98)
YUV	114.9750, 18.2533, 25.4549
Hunter-Lab	40.0243, 23.9558, -18.9102

Details

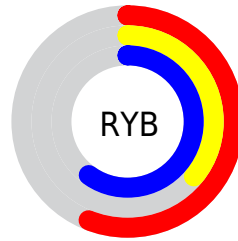
The CIELCh color $47, 39.216, 322.442$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $58, 38.833, 138.409$, and the grayscale version is $48, 0.006, 296.813$.

A 20% lighter version of the original color is $67, 39.257, 322.776$, and $27, 39.278, 322.203$ is the 20% darker color. If you saturate the color by 10%, you get $43, 48.864, 322.830$, and if you desaturate by 10%, it is $51, 29.176, 322.009$.

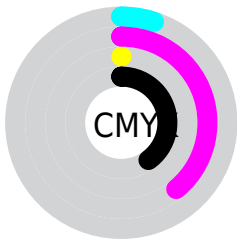
Distribution



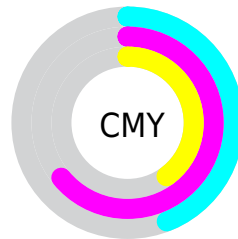
- Red (56%)
- Green (36%)
- Blue (60%)



- Red (56%)
- Yellow (36%)
- Blue (60%)



- Cyan (5%)
- Magenta (39%)
- Yellow (0%)
- Black (40%)



- Cyan (44%)
- Magenta (64%)
- Yellow (40%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 47, 39.216, 322.442 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 47, 39.216, 322.442 by changing the saturation by 10% instead.

 47, 39.216,
322.442

 47, 39.216,
322.442

 100, 39.216,
322.442

 37, 39.216,
322.442


 67, 39.216,
322.442


 27, 39.216,
322.442


 77, 39.216,
322.442

 17, 39.216,
322.442

 87, 39.216,
322.442

 7, 39.216, 322.442

 97, 39.216,
322.442

 0, 39.216, 322.442

 47, 39.216,

 47, 39.216,

322.442

322.442

■ 43, 48.864,
322.830

■ 51, 29.176,
322.009

■ 40, 57.796,
323.147

■ 55, 18.995,
321.552

■ 37, 65.613,
323.362

■ 59, 8.843, 321.082

■ 35, 71.897,
323.442

■ 63, 1.166, 140.807

■ 33, 76.310,
323.358

■ 68, 10.963,
140.228

■ 32, 79.041,
323.128

■ 72, 20.508,
139.802

■ 32, 79.349,
323.101

■ 76, 29.784,
139.406

■ 81, 38.785,
139.037

■ 85, 47.515,
138.695

Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



47, 39.216, 322.442



58, 38.833, 138.409

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



47, 39.216, 322.442



47, 39.216, 12.442



47, 39.216, 142.442



47, 39.216, 192.442

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



47, 39.214, 322.442



73, 14.865, 321.244



44, 30.045, 288.773



38, 9.946, 321.299



90, 0.011, 296.813



42, 0.006, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



47, 39.214, 322.442



56, 58.034, 322.798



47, 31.932, 339.405



30, 5.701, 321.101



29, 74.822, 323.135



1, 6.096, 320.339

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



46, 25.813, 12.732



55, 39.186, 14.411



58, 31.386, 153.014



30, 3.489, 8.998



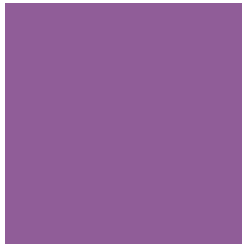
28, 61.384, 32.654



1, 3.672, 8.459

Previews

White Background



This preview shows how the CIELCh color 47, 39.216, 322.442 looks on a white background.

Color Contrast Check

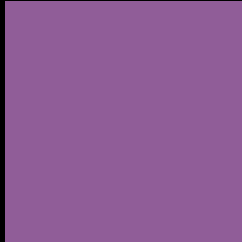
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 47, 39.216, 322.442 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

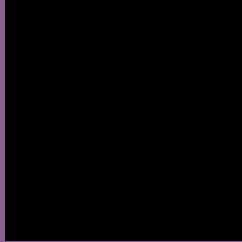
Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 47, 39.216, 322.442

Background



This preview shows how black text looks on a background with the CIELCh color 47, 39.216, 322.442.



This preview shows how white text looks on a background with the CIELCh color 47, 39.216, 322.442.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

47, 39.216, 322.442

Protanopia

47, 32.715, 285.085

Deuteranopia

47, 23.157, 286.415



Tritanopia
47, 15.804, 4.268

Trichromacy



Original Color
47, 39.216, 322.442

Protanomaly
47, 33.391, 299.085

Deuteranomaly
47, 27.780, 303.249

Tritanomaly
47, 22.362, 339.291

Monochromacy



Original Color
47, 39.216, 322.442

Achromatopsia
48, 0.006, 296.813

Achromatomaly
48, 14.534, 322.606

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 47, 39.216, 322.442 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(144, 93, 152)` looks like.

```
.text, #text, p{  
  color:rgb(144, 93, 152)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(144, 93, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 93, 152) }
```

Border

The CSS property to change the border of an element to CIELCh 47, 39.216, 322.442 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(144, 93, 152) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(144, 93, 152) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(144, 93, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 93, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 93, 152);  
box-shadow:4px 4px 4px 4px rgb(144, 93,  
152) }
```

Background

The CSS property to change the background color of an element to CIELCh 47, 39.216, 322.442 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 93, 152) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(144, 93,  
152) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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